

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/051025

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C07D221/12 A61K31/473 C07D401/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97/35854 A (BYK GULDEN LOMBERG CHEMISCHE FABRIK G.M.B.H., GERMANY; GUTTERER, BEATE) 2 October 1997 (1997-10-02) cited in the application the whole document -----	1-16
P, X	WO 2004/019944 A (ALTANA PHARMA AG; KAUTZ, ULRICH; SCHMIDT, BEATE) 11 March 2004 (2004-03-11) cited in the application page 63; claim 1 page 55, paragraph 1 ----- -/-	6,7

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

17 August 2005

Date of mailing of the international search report

31/08/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 2004/019945 A (ALTANA PHARMA AG; KAUTZ, ULRICH; SCHMIDT, BEATE) 11 March 2004 (2004-03-11) cited in the application page 34; claim 1 page 24, paragraph 1 -----	8

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 15 and 16 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2005/051025

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 9735854	A 02-10-1997	DE AT AU AU CA CY DE DK WO EP ES JP PT SI US	19613091 A1 224386 T 718752 B2 2291097 A 2250569 A1 2431 A 59708265 D1 889886 T3 9735854 A1 0889886 A1 2184077 T3 2000507256 T 889886 T 889886 T1 6127378 A	09-10-1997 15-10-2002 20-04-2000 17-10-1997 02-10-1997 12-11-2004 24-10-2002 20-01-2003 02-10-1997 13-01-1999 01-04-2003 13-06-2000 28-02-2003 28-02-2003 03-10-2000
WO 2004019944	A 11-03-2004	AU CA WO EP	2003255493 A1 2495827 A1 2004019944 A1 1539164 A1	19-03-2004 11-03-2004 11-03-2004 15-06-2005
WO 2004019945	A 11-03-2004	AU CA WO EP	2003273805 A1 2496459 A1 2004019945 A1 1536798 A1	19-03-2004 11-03-2004 11-03-2004 08-06-2005